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P.O. Box 1663, LC/IP, MS A187

Los Alamos, NM 87545

(505) 667-3766

Fax: (505) 665-4424

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OFFICIAL****Date:** May 3, 2004**To:** Mail Stop Non-Fee Amendment
US Patent and Trademark Office**Fax:** (703) 872-9318**From:** [Samuel L. Borkowsky]
LC/IP**Phone:** (505) 665-58111
Fax: (505) 665-4424**Re:** SN 10/052,862
S-97,794
[Karen M. Grace]**Sender:** [MJhoover]**YOU SHOULD RECEIVE (10) PAGES, INCLUDING THIS COVER SHEET.
IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL (505) 665-.****Comments:****Included in this facsimile transmittal are the following documents for filing in the above-identified patent application:****Response to Office Action dated February 25, 2004 - 9 pages
Fax Transmission Cover Sheet - 1 page****Fee Payments Authorized: \$ ____ -0- ____****IF YOU HAVE RECEIVED THIS TELECOPY IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS ABOVE VIA THE UNITED STATES POSTAL SERVICES. THANK YOU.****UNCLASSIFIED**

Rev. 07/29/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Karen M. Grace et al.

Docket No.: S-97,794

Serial No.: 10/052,862

Examiner: Mohammad Yunus Sikder

Filed : November 9, 2001

Art Unit: 2872

For : WAVEGUIDE-BASED OPTICAL CHEMICAL SENSOR

Customer No. 35068

Mail Stop Non-Fee Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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OFFICIALRESPONSE

Sir:

In response to the Office Action dated February 25, 2004, please enter the following amendments to the Claims, and consider the accompanying remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being

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Date May 3, 2004

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(type or print name of person certifying)